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April 27, 2007

Susan White
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

TaskID#1806 RECEIVED
APR 30 2007
DIV. OF OIL, GAS & MINING

RE: Response to Fourth Review of NOI to Commence Large Mining Operations, Geneva Rock Products, Inc., Point of the Mountain (POM) Quarry Operation M/035/026

Dear Ms. White:

This letter includes a response to the Division's fourth review, dated April 5, 2007. JBR submits this response on behalf of Geneva Rock Products, Inc. (Geneva).

Red-lined/strikeout pages are provided for the revised pages of the NOI text.

105.2 Surface Facilities Map

The 'mixed use area' is defined in the document on page 8 and on Figure 2 as an area within the permit area boundary which provides support for mining activities as well as construction industry activities. This area will continue to be utilized for the construction industry in the absence of the mining activity, and thus reclamation of this area is not described in the NOI or included in the bond. The description of the mixed use area was also provided as part of an email dated March 8, 2007, attached.

106.6 Plan for protecting & re-depositing soils

Topsoils are no longer being stored above the highwall. The topsoil stockpiles shown on Figure 3 as being located above the highwall have been utilized in reclaiming a slope near the power line/gas line corridor along the south boundary of the property. Salvaged topsoils will not be stored above the highwall in the future. The NOI text on pages 14 and 16 has been revised.

Geneva agrees with the Division's recommendations to remove the manure or biosolids from the topsoil mix. The text and surety have been revised to reflect this.

106.7 Vegetation

Vegetation cover data was gathered at the POM site April 25, 2007. The vegetation report will be submitted for inclusion as an appendix to the NOI within 2 weeks of sampling. The text on page 30 has been revised to reflect this.

109.1 Impacts to Surface and Ground Water Systems

The noted sample was taken directly from the concrete wash plant tank at POM. The material from the concrete wash plant tank is transferred via culvert to the ponds on the west side of I-15. In consulting with JBR's hydro-geologist and site remediation specialist, he noted that the only organic analyses performed on the sample were total petroleum hydrocarbons – diesel range organics (TPH-DRO) and TPH-gasoline range organics (TPH-GRO). The results show 37 ppm DRO and <0.078 ppm GRO (non-detect). The 37 ppm DRO result is well below the 5,000 ppm Tier 1 Screening Level used by the Division of Environmental Response and Remediation (DERR) for underground storage tank sites, and should not be of concern.

It was also noted that perhaps the lab should be requested to re-print and re-send the analytical results to be more easily interpreted. The compounds, such as bromofluorobenzene, listed on the forms and prefaced by "Surr:" are apparently quality assurance compounds added by the lab, and not present in the sample.

If further action is needed on this, and/or additional sampling required, we would be glad to discuss this in order to agree on a protocol and level of detail for analysis.

R647-4-112 Variances

Topsoil Variance: The area to be affected by the variance is defined as the highwall benches, where spill is expected to collect over time. The highwall benches are not considered by Geneva to be a reasonable use of the limited topsoil resource, when it would eventually be covered up by rock eroding from the edges of the benches. An alternate method or measure to be utilized in lieu of spreading topsoil is the aerial seeding described on page 31 of the NOI.

Revegetation Variance: In regard to alternate methods or measures to be utilized in lieu of a revegetation standard, the benches could be viewed from a distance with binoculars or a scope for the presence of establishing vegetation. However it is estimated that once the slopes are settled, or approximately 10 years out, there would be minimal bench surface left, since the outer edge of each bench would be gradually wearing, such that the actual bench surface would narrow over time and the overall highwall surface would begin to approximate more of a slope than a benched wall. The highwall benches are not expected to be accessible even with safety gear.

Sincerely,



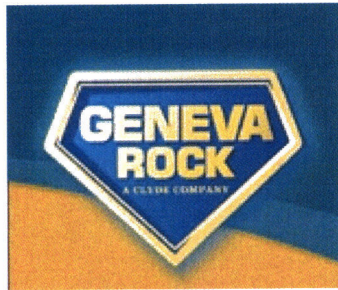
Linda J. Matthews

JBR Environmental Consultants, Inc.

Cc: Tony Christofferson, Geneva Rock

DERR

**Notice of Intention
to
Commence Large Mining Operations
Geneva Rock Products, Inc.
Point of the Mountain Quarry Operation
M/035/026**



Submitted by:

Geneva Rock Products, Inc.
1565 West 400 North
P.O. Box 538
Orem, Utah 84059

to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Prepared by:

JBR Environmental Consultants, Inc.
8160 S. Highland Drive
Sandy, Utah 84093

(801) 943-4144

November 15, 2005

Revised March 10, 2006; November 17, 2006; February 22, 2007; April 25, 2007

SUPERCEDED

anticipated that topsoil can be salvaged from a maximum of 59 acres, to an average depth of 9 inches. Salvaged topsoil will be stored in the proposed topsoil storage areas shown on Figure 3.

Topsoil will be salvaged as much as possible from the areas to be mined; it will be stored in designated areas, and seeded to control erosion. The proposed reclamation growth material will be salvaged topsoil stored onsite. Other materials would be added as needed (based upon the results of sampling), but are not included in the reclamation cost at this time. Based upon a topsoil salvage area of 59 acres, approximately 71,390 cubic yards of topsoil will be stored for reclamation. If all of this is utilized on the pit floor, then coverage of about 4 inches of topsoil would be provided for the 115.5-acre pit floor and the 5-acre topsoil storage area (northern point of property).

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Any topsoil previously stored above the highwall has been utilized in interim reclamation efforts. The area proposed for topsoil storage on the southwest point of the property would remain outside the proposed area to be mined. The topsoils stored on the pit floor (northern point of the property) would be used in pit floor reclamation.

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temporarily in a windrow adjacent to the berm, then distributed over the surface of the safety berm prior to seeding.

Any topsoil ~~previously stored~~ in piles above the highwall ~~has been~~ used in concurrent reclamation. ~~No topsoils would be stored above the highwall in the future.~~ Soils would not be applied to the inactive highwall benches because the highwall benches are expected to fill in with spall within 2 to 3 seasons. The benches would be aerial-seeded the first fall after completion of mining in Phase 1, as a one-time measure to assist with the establishment of plants that would then begin to hold organic matter on the benches, and provide sparse vegetation cover on the highwall benches over time.

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106.7 Existing Vegetative Cover Communities to Establish Revegetation Success

Under R647-4-106 (7), the operations plan must provide a description of existing vegetative communities and cover levels, sufficient to establish revegetation success standards at 70% of pre-mining vegetative cover. Within the property boundaries, the vegetative cover has undergone extensive disturbance due to past mining operations.

The NRCS has classified the ecological site of the majority of the project area as Upland Gravelly Loam, with Upland Sand in the central and southwestern portion of the project area (NRCS 1999, 2002). These ecological sites occur on high lake terraces, alluvial fans, and foothills in the Upland climatic zone. Historically, vegetation within the project area included vegetation communities characterized by mountain big sagebrush and Indian ricegrass with other less-dominant species including needle and thread, antelope bitterbrush, bluebunch wheatgrass, Nevada wheatgrass and other perennial forbs and grasses.

The current vegetation on south-facing slopes in the area includes primarily cheat grass and other species including toadflax, six weeks fescue, bulbous bluegrass, gumweed, moth mullein, snakeweed, purple three-awn, sand dropseed, and goldenweed. Cover from perennial species was estimated at 10-15 percent.

On the north-facing slopes Wyoming big sagebrush is common, in addition to most of the above listed species.

GRP has actively conducted reclamation at the POM site. As part of previous efforts at reclamation of the sand and gravel operations areas, portions of the POM Quarry have been seeded starting in 1998. These areas were reviewed but determined not to be suitable for reclamation success standards (See August 2006 mine inspection report in Appendix B). Baseline data for the slopes of the POM's future mining areas will be gathered in Spring of 2007 for future reclamation success standards. This cover data will be included in Appendix D.

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110.5 Revegetation Planting Program and Topsoil Redistribution

Soil Material Replacement

Topsoil will be placed on all newly disturbed and regraded surfaces of the pit floor as part of the concurrent reclamation process at the POM Quarry, if they are no longer needed for support of operations. Once placed, the regraded surfaces will be ripped to a depth of at least 2 feet to provide a roughened surface to retain seed and to enable root penetration. Equipment used for this task is likely to be a dozer, and/or scraper. Topsoil stored on the northern point of the Phase 1 area will be applied to the pit floor areas.

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Seed Bed Preparation

The topsoil is expected to provide a reasonable growth medium for the site. On the pit floor, the surface will be roughened by deep ripping, to create small depressions to for water retention sites, and habitat niches. No topsoil would be applied to the reclamation fines areas prior to seeding.

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Seed Mixture

A single seed mix is proposed for all reclaimed surfaces. The seed mixture is based upon DOGM recommendations as included in the August 9, 2006 inspection report (bluebunch wheatgrass, purple three awn, sand dropseed, crested wheatgrass, big sage, Palmer penstemon, and blue flax) as well as on reconnaissance of nearby areas. Should seed availability change prior to reclamation, some variation in the mix could occur, with agency approval. The suggested representative pre-mining vegetation was sampled in April 2007 and cover/species results are being submitted to the Division.

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Seeding Method

The seed mix would be broadcast seeded on the pit floor and fines area, and aurally seeded over the benches. Revegetation work, including both seedbed preparation and seed application will take place in the late fall season and seed would be spread as soon as possible following seedbed preparation.

Other Revegetation Procedures

GRP would monitor for noxious weeds, and would provide weed control measures according to County directives should noxious weeds pose a potential problem.

Further, they would monitor revegetation success for three years.

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VIII. R647-4-112 Variances

The following variances from the Division's non-coal mineral rules are proposed:

Topsoil Redistribution

A variance is being requested for ~~the pit highwall benches, where~~ topsoil distribution is not feasible or practical. ~~No topsoil would be stored above the highwall, and therefore no topsoil would be reasonably available for distribution on the benches. It would be impractical to haul topsoil upslope for further distribution to the highwall benches, which would fill in with spall over time.~~ The main use for stored topsoil would be for reclamation of the pit floor. ~~It~~ is expected that the stockpiled topsoil resource will be limited. In addition, it is requested that the most practical use of the available topsoil resource stored on or near the pit floor will be for the concurrent and final reclamation of areas of the pit floor.

Revegetation

The highwalls would be seeded aerially in the first fall season after the end of mining. A variance is requested to the reclamation standard for the highwall benches because it would be impractical and unsafe to measure revegetation success. The highwall benches would fill with spall from above, and would degrade over time at the outer edge, decreasing the width of the bench and creating a rocky, uneven surface that would not be a safe work surface for individual observers or vegetation cover data gathering.

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IX. R647-4-113 Surety

Surety calculation tables and supporting information (DOGM rate sheet) are included in **Appendix A**. Surety is calculated for completion of operations at the end of Phase 1 (288 acres). The Phase 1 pit floor, for purposes of reclamation, includes 115.5 acres of actual pit floor, and 5 acres utilized for topsoil storage on the northern point of the property, so the total pit floor is shown as 120.5 acres below. Bonds will be calculated and approved before disturbance into the remaining areas. Line items listed below correspond to bond cost estimate spreadsheet provided in Appendix A.

General site cleanup and removal of trash and debris. (line item 9.5) \$106,768

The facilities area would be cleaned up; trash & debris would be removed. The estimate includes clean up of 50 out of 120.5 acres. \$ 3,750

The 82 conveyors and 38 additional pieces of equipment would be removed via 75 loads with a 'low boy', and 10 days of crane work. \$74,385

The generators would be removed. \$ 4,800

APPROVED

Linda Matthews

From: Linda Matthews
Sent: Thursday, March 08, 2007 2:15 PM
To: 'Paul Baker'
Subject: RE: Mixed Use Area

Hi Paul: I'm sure it's quite a change!

The mixed use area is utilized for Geneva's construction operations as well as mining support. The area - offices, maintenance shop, fuel farm - would continue to be utilized by the construction operations, without mining. For example, the majority of the bays in the maintenance shop are used by the trucks utilized in the construction operation, but the shop also services trucks used for mining.

Hope that helps; let me know if you need more input on this.

Linda
JBR

-----Original Message-----

From: Paul Baker [mailto:paulbaker@utah.gov]
Sent: Thursday, March 08, 2007 1:45 PM
To: Linda Matthews
Subject: Mixed Use Area

Linda--

Life is tough without Doug.

At Point of the Mountain, it appears we are not permitting the mixed used area, and I'm trying to figure out the reasoning. Can you help me?

Paul

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GENEVA BOND COST ESTIMATE FOR PHASE 1 ONLY									
9.1	Gates and Signs								
	# units	\$/unit							
	40	200			8000				
	Rip Rap placement								
	Tons	\$/ton							
	428	45.00			19260				
	Means(2007) 31 37 13.10-0370					9.1 TOTAL	27260		
9.2	Pit Floor Regrading								
				area (ac)	\$/ac				
				120.5	67.00	9.2 TOTAL	8074		
9.3	Safety Berm (12' wide 4' high, along top of highwall)								
	perimeter								
	length(ft)								
	9030	sqf/lin ft	cu yd matl	\$/cu yd					
		24	8027	6.40		9.3 TOTAL	51371		
9.4	Safety Berm Topsoil Removal & Replacement (remove 6" topsoil from berm/ditch area= 24' across, & replace after berm constructed)								
	length(ft)								
	length(ft)	width(ft)	cu yd matl	\$/cu yd					
	9030	24	8027	5.02		9.4 TOTAL	40294		
	Means(2007) 31 23 16.42-0300 (track hoe)								
9.5	General site cleanup & trash removal (estimate 50 out of 120.5 acres for cleanup)								
	# acres	\$/ac							
	50	75			3750				
	Loading/Trucking								
	# trips	\$/trip							
	75	600			45000				
	Crane								
	# days	\$/day							
	10	1506.5			15065				
	Laborers								
	# days	hrs/day	# laborers	\$/hr					
	10	8	4	44.75	14320				
	Remove 24 Generators sets (assume 3 sets per trip)								
	# trips	\$/trip							
	8	600			4800				
	Remove Asphalt Road								
	length	width	sq yds	\$/sq yd					
	1200	25	3333	7.15	23833.33				
	Means(2007) 02 41 13.17-5050								
						9.5 TOTAL	106768		
9.6	Fencing (installed, at top of highwall)								
	lin feet	\$/lin ft							
	4685	3.3							
						9.6 TOTAL	15461		
9.7	Revegetation (top safety berm (5.0 acres))								
	Material	\$/ac	appl \$/ac	# acres					
	seed	280		5.0	1400				
	DOGM rates, broadcast seeding								
						9.7 TOTAL	1400		
9.8	Revegetation - Pit Floor								
	Material	\$/ac	\$/cu yd	# acres	cu yd				
	ripping	620		120.5		74710			

seed	280		120.5		33740				
topsoil relocation		1.62		137940	223463				
DOGM rates, broadcast seeding									
Revegetation - Reclaim Fines									
Material	\$/ac	appl \$/ac	# acres						
comp man.	175		41		7175				
ripping	620		41		25420				
seed	280		41		11480				
DOGM rates, broadcast seeding									
Revegetation Monitoring & Weed Control									
Assume one trip per year, 3 years, 10 hours per trip									
labor \$/hr	truck/hr	hours							
75	30	30			3150				
Sample Reclamation Fines - growth potential/organics									
Lab \$	labor \$	supplies							
275	300	75			650				
					9.8 TOTAL		379788		
9.9 Revegetation - Highwall Aerial Seeding									
Material	\$/ac	\$/cu yd	# acres	cu yd					
seed	280		64.5	18060					
DOGM rates, broadcast seeding used for aerial seeding									
					9.9 TOTAL		18060		
9.10 Equip mob/demob									
					9.10 TOTAL		14000		
	D10 dozer		2000						
	992 Loader		2000						
	track hoe		2000						
	Cat16 grader		2000						
	crane		2000						
	631 scraper		2000						
	777 haul truck		2000						
	TOTAL		14000						
9.11	RECLAMATION TOTAL							662475	
9.12	Reclamation Supervision (10% of Reclamation Total)							66247	
9.13	SUBTOTAL (1)							728722	
9.14	Contingency (10%)							72872	
9.15	SUBTOTAL (2)							801594	
9.16	Escalation (for 5 years at 3.2% per year)							136752	
9.17	GRAND TOTAL							\$ 938,346	
GRAND TOTAL ROUNDED							\$ 938,300		